

AMENDMENTS TO THE CLAIMS

This listing of claims, if entered, will replace all prior versions and listings of claims in the present Application.

Listing of Claims

1. (Currently Amended) A computer-implemented method ~~in a computing system~~ for managing inventory, the method comprising:
synchronizing inventory location information in a computerized inventory management system, wherein
the computerized inventory location management system comprises
a plurality of source computerized inventory management systems,
and
a plurality of target computerized inventory management systems,
and
the synchronizing comprises
extracting inventory location information in a ~~first form that is associated with a first source computerized inventory management system;~~ source format, wherein
the source format corresponds to a source computerized inventory management system, and
the source computerized inventory management system is one of the plurality of source computerized inventory management systems,
converting the inventory location information in the ~~first form~~ source format into inventory location information ~~that is in a second intermediate form in an intermediate format[;]]~~ , and
converting the inventory location information in the ~~second intermediate form~~ format into inventory location information in a target ~~form that~~ format, wherein
the target format corresponds to a target computerized inventory management system, and

the target computerized inventory management system is
one of the plurality of target computerized inventory
management systems.

2. **(Currently Amended)** The method of Claim 1, further comprising:
 using the inventory location information in the target ~~form~~ **format** to perform at least
 one computer-implemented act from a set of computer-implemented acts
 comprising:
 creating a new inventory location record in the target computerized inventory
 management system; and
 updating an existing inventory location record in the target computerized
 inventory management system.

3. **(Currently Amended)** The method of Claim 1, further comprising:
 extracting inventory location information in a ~~third form~~ **second source format** that
 is associated with a second source computerized inventory management
 system that is distinct from the first source computerized inventory
 management system;
 converting the inventory location information in the ~~third form~~ **second source**
format into inventory location information that is in the ~~second~~ intermediate
~~form~~ **format**;
 converting the inventory location information in the ~~second~~ intermediate ~~form~~
format into inventory location information in the target ~~form~~ **format**; and
 using the inventory location information in the target ~~form~~ **format** to perform at least
 one computer-implemented act from a set of computer-implemented acts
 comprising:
 creating a new inventory location record in the target computerized inventory
 management system; and
 updating an existing inventory location record in the target computerized
 inventory management system.

4. **(Currently Amended)** The method of Claim 1, wherein the ~~second~~ intermediate ~~form~~ **format** includes a list of inventory locations class with a hierarchy of data elements.
5. **(Original)** The method of Claim 4, wherein the hierarchy of data elements includes a plurality of inventory location elements, wherein each of the plurality of inventory location elements includes:
 - an identifier for identifying the inventory location element;
 - a base data element for defining:
 - a location description;
 - a location name; and
 - a location type code;
 - a list of addresses element for defining a plurality of address elements from a party class;
 - a list of related business units elements for defining a plurality of business units associated with the inventory, and wherein each of the plurality of business units associated with the inventory includes an identifier element;
 - a list of related inventory locations for defining a plurality of related inventory locations; and
 - a custom data element for defining customized attributes for the inventory.
6. **(Original)** The method of Claim 5, wherein each of the plurality of address elements includes:
 - an address identifier element;
 - an address base data element, wherein the address data cleansing data element includes a disable cleansing flag element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.

7. (Original) The method of Claim 6, wherein the address relationship data element includes:

an address effective end date element;
an address occupancy type code element;
an address effective start date element;
an address type code element; and
an address list of roles element.

8. (Original) The method of Claim 5, wherein each of the plurality of related inventory locations include a related inventory location identifier element and a related inventory location type code element.

9. (Currently Amended) A computer-readable medium carrying one or more sequences of instructions for managing inventory, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:

synchronizing inventory location information in a computerized inventory

management system, wherein

the computerized inventory location management system comprises

a plurality of source computerized inventory management systems,

and

a plurality of target computerized inventory management systems,

and

the synchronizing comprises

extracting inventory location information in a ~~first form that is~~

~~associated with a first source computerized inventory~~

~~management system;~~ **source format, wherein**

the source format corresponds to a source computerized

inventory management system, and

the source computerized inventory management system is
one of the plurality of source computerized
inventory management systems,

converting the inventory location information in the ~~first-form~~ source
format into inventory location information ~~that is in a second~~
~~intermediate-form~~ in an intermediate format[[;]] , and

converting the inventory location information in the ~~second~~
intermediate ~~form~~ format into inventory location information
in a target ~~form~~ that format, wherein

the target format corresponds to a target computerized
inventory management system, and

the target computerized inventory management system is
one of the plurality of target computerized inventory
management systems.

10. (Currently Amended) The computer-readable medium of Claim 9, further comprising:
using the inventory location information in the target ~~form~~ format to perform at least one computer-implemented act from a set of computer-implemented acts comprising:
creating a new inventory location record in the target computerized inventory management system; and
updating an existing inventory location record in the target computerized inventory management system.
11. (Currently Amended) The computer-readable medium of Claim 9, further comprising:
extracting inventory location information in a ~~third-form~~ second source format that is associated with a second source computerized inventory management system that is distinct from the first source computerized inventory management system;

converting the inventory location information in the ~~third-form~~ second source format into inventory location information that is in the ~~second~~ intermediate ~~form~~ format;

converting the inventory location information in the ~~second~~ intermediate ~~form~~ format into inventory location information in the target ~~form~~ format; and
using the inventory location information in the target form to perform at least one computer-implemented act from a set of computer-implemented acts comprising:

creating a new inventory location record in the target computerized inventory management system; and
updating an existing inventory location record in the target computerized inventory management system.

12. (Currently Amended) The computer-readable medium of Claim 9, wherein the ~~second~~ intermediate ~~form~~ format includes a list of inventory locations class with a hierarchy of data elements.
13. (Original) The computer-readable medium of Claim 12, wherein the hierarchy of data elements includes a plurality of inventory location elements which include other elements.
14. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes an identifier for identifying the inventory location element;
15. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a base data element for defining:
 - a location description;
 - a location name; and
 - a location type code.

16. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of addresses element for defining a plurality of address elements from a party class.
17. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of related business units elements for defining a plurality of business units associated with the inventory.
18. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of related inventory locations for defining a plurality of related inventory locations.
19. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a custom data element for defining customized attributes for the inventory.
20. (Original) The computer-readable medium of Claim 16, wherein each of the plurality of address elements includes:
 - an address identifier element;
 - an address base data element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.
21. (Original) The computer-readable medium of Claim 20, wherein the address data cleansing data element includes a disable cleansing flag element.

22. (Original) The computer-readable medium of Claim 20, wherein the address relationship data element includes:
- an address effective end date element;
 - an address occupancy type code element;
 - an address effective start date element;
 - an address type code element; and
 - an address list of roles element.
23. (Original) The computer-readable medium of Claim 17, wherein each of the plurality of business units associated with the inventory includes an identifier element.
24. (Original) The computer-readable medium of Claim 18, wherein each of the plurality of related inventory locations include a related inventory location identifier element and a related inventory location type code element.
25. – 32. (Cancelled)